User manual

Reuss RSH-03 Rowland S. Howard pedal

The Reuss RSH-03 is replicating Rowland S. Howard's basic pedal set-up, combining the sound and circuits of his two 1970s pedals into one compact unit. The pedal offers true vintage sound and response thanks to meticulous research and the use of real, vintage new old stock parts. The pedal is endorsed by the Rowland S. Howard estate who contributed to the development. For each pedal sold $9 is donated to cancer research

Controls

- **'blend'** Mixes the monophonic two-octave-down synth tone into the fuzz sound. With **'blend'** all the way up (clockwise), you only hear the 'synth' tone and none of your guitar signal is coming through. The tracking of the tone is all analogue and hard to control. It will also try to track a tone from the hum of your guitar, and it gets easily confused. Expect the unexpected. It's the nature and the lo-fi charm of the pedal to sound sick.
- **'blue out'** sets the output level (volume) of the 'blue fuzz' circuit.
- **'distortion'** controls the amount of distortion of the 'distortion' part of the pedal.
- **'plus out'** controls the output level of the 'distortion' part of the pedal.
- **'blue'** footswitch turns the fuzz circuit on and off, indicated by the blue LED at the right side.
- **'plus'** footswitch turns the distortion circuit on and off, indicated by the red LED at the left side.
- 'Dip switch' (internal). Inside the pedal you'll find a small black 'dip switch' at the right hand side of the circuitboard (see small picture). The switch is only there because the RSH-03 shares circuit board with the Reuss ET-01 'Evil Twin' pedal, which features an alternative, switchable set of clipping diodes. At the RSH-03 the '2' side of the switch is not connected to anything and the '1' side connects to the germanium clipping diodes. If you switch it 'OFF' then the clipping diodes is no longer in the circuit. The result is that the distortion effects turns into a loud booster which eventually makes the op-amp IC-chip distort when you turn the 'distortion' control way up. It's not an intended function, but it's there, if you wish to experiment. Maybe you'll find the boost effect useful.

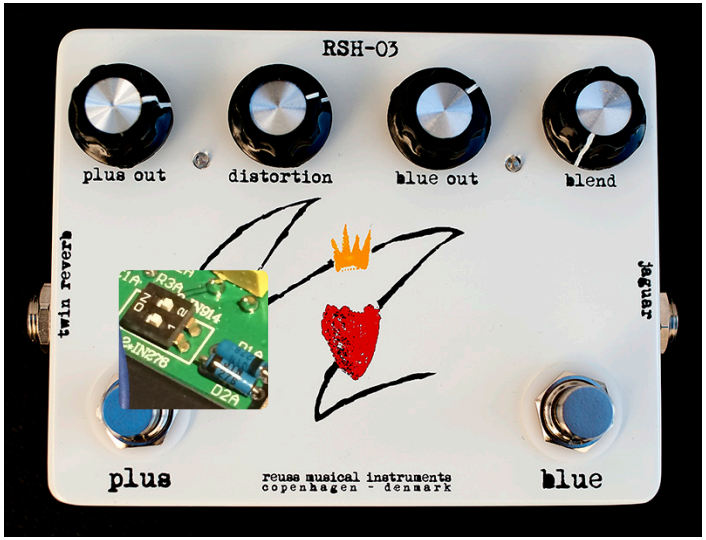
Connectors

- **'jaguar'** is the input of the unit. Connect your guitar here
- **'twin reverb'** is the output. Connect your amp here
- There is a 9V DC connector for an external power supply at the top edge of the unit. This is a standard guitar pedal 'negative centre'-type jack. ONLY use this type. Reversing the polarity will damage the pedal

Please note: *The unit is drawing power from the battery, when there is a jack in the input connector. Alway remove the input jack when the pedal is not in use, if you are running it with a battery*

Battery access

- Remove the four screws at the bottom side of the pedal with a philips head screwdriver to remove the bottom plate and gain access to the battery



Specifications

- Vintage correct circuit featuring vintage new old stock germanium diodes, Panasonic 2SC1849 transistors and carbon film resistors
- True bypass-switching
- High quality 'boutique construction' featuring hardwired connectors and footswitch for maximum durability and easy repair
- Neutrik brand jacks and 'pro' upgrade footswitches
- Rugged aluminium enclosure in white finish with silk screen printing of Rowland S. Howard's own 'Crowned Heart-' These Immortal Souls logo
- Current Draw: app. 30 mA
- Enclosure size: 120 x 94 x 34 mm (width x length x height)

Warranty

- All Reuss pedals comes with a limited 24 months warranty against manufacturing faults
- The warranty is not covering normal wear and tear or abuse
- Any wear or damage to the finish is not covered by the warranty.

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